



May 2000 Time Local/ Path Length Path Number of Estimated Width Damage Persons **ILLINOIS, South Wayne County** Fairfield 09 1645CST 0 0 20K Lightning Lightning struck the Wal-Mart store near register seven. The lightning bolt came through the tile floor behind the register, making a hole and narrowly missing several people. A couple of shoppers were hit in the legs by pieces of tile blown out by the lightning. One theory is that the lightning travelled underneath the store along a steel beam before rising through the tile. **Wayne County** 2 N Geff 12 2050CST Hail (1.50) **Alexander County** 12 2141CST **Tamms** Hail (0.75) **Saline County** 9 E Harrisburg 12 2145CST 0 40K Thunderstorm Wind (G69) A thunderstorm microburst produced strong damaging winds, estimated between 75 and 80 MPH. Several mobile homes in a rural area just south of Route 13 near the Gallatin County line were affected by the microburst, which was about 1/4 mile wide and 1/2 to 3/4 mile long. One mobile home was destroyed when a tree about 2.5 feet in diameter fell on it. On another mobile home, about 3/4 of a 60-foot attached screened-in porch was torn off. A third mobile home used for storage was moved a few feet off of its foundation. A nearby house lost some shingles and gutters. Several hundred trees in the area were blown down. **Gallatin County** 2 S Ridgway 2154CST **7K** Thunderstorm Wind Five power poles were snapped off. Williamson County Marion 18 Flash Flood **Saline County West Portion** 18 0 Flash Flood Radar indicated between one half and two inches of rain fell in just a couple of hours. Flood-prone areas in Williamson County were inundated. Halfway Road and Route 13 in Marion had 2 to 3 inches of water over them. Williamson County Marion 22 2130CST 2230CST Urban/Sml Stream Fld A cluster of thunderstorms produced very heavy rainfall. A spotter measured 1 inch of rain in 30 minutes. White County Crossville 23 0345CST Lightning Lightning hit the stand-by generator at the sewage disposal plant, completely destroying it. White County Crossville 23 0345CST Tstm Wind/Hail Large quantities of marble size hail and wind gusts to 45 MPH accompanied a strong thunderstorm. **Johnson County** Goreville to Vienna 23 7MHail (2.75)

A supercell thunderstorm produced baseball size hail from northwest to southeast across parts of Johnson County. The total damage costs for dented cars, smashed windows, and damaged roofs in Vienna was estimated near 7 million dollars. The city's two car dealers sustained about 800,000 dollars damage to a total of 280 cars. At the Johnson County courthouse, the hail broke about 20 windows on the north side of the building and extensively damaged the roof. A funeral home reported hail wrecked the garage, siding, and windows of the funeral home, along with three personal vehicles, for a total damage estimate of 50,000 dollars.



Grandview

National Weather Service Storm Data and Unusual Weather Phenomena



May 2000 Time Local/ Path Length Path Number of Estimated Persons Width Damage **ILLINOIS, South** Fellowship Baptist Church sustained 15,000 dollars damage. One building contractor estimated 90 percent of all the houses in Vienna needed a new roof. The hail was reported as only dime size in Goreville, but increased to baseball size in Vienna. **Jackson County** Gorham 2112CST Hail (1.00) At least one cornfield in the Gorham area received major hail damage. **Massac County** 2 NE Brookport 2132CST 23 A supercell thunderstorm which began near Carbondale and produced baseball size hail as it moved southeast across Johnson County became tornadic over Massac County. Although no touchdowns were reported, a funnel cloud was observed quite close to the ground. **Union County** Cobden 23 2145CST 0 Hail (1.75) Local newspapers showed photos of the hailstones, some of which were nearly the size of golf balls. Strong winds up to 50 MPH accompanied the storm. A large tree was down across a street in Anna, and a large limb was down in Jonesboro. Pulaski County Grand Chain to 23 2224CST Hail (1.75) Karnak **Union County** 2227CST Jonesboro 23 0 0 This was the second of two severe thunderstorms that passed southeast across Union County in less than two hours. The main feature of both storms was golf ball size hail. Johnson County 2340CST Belknap 23 0 10K Thunderstorm Wind The roof was blown off a barn and into a house. **INDIANA**, Southwest Vanderburgh County 2 W Evansville to Evansville 0 100K 0 Thunderstorm Wind (G70) Damaging thunderstorm winds affected the west side of Evansville. The hardest hit neighborhood was just off Route 62 about 2 miles west of the Evansville city limits. The main damage was done to an elementary school, which lost a large section of roof. A large tree toppled through a classroom. There was water damage inside the school, and a cinder-block baseball dugout was destroyed. Other damage included many large limbs blown down and privacy fences down. The back deck of a house near the school was heavily damaged. Another nearby house lost part of its roof. About 5,000 electric customers were without power because of fallen tree limbs and utility poles. In the city of Evansville, on the west side of downtown, a few businesses along West Franklin Street received siding and window damage. Trees were blown down in Wesselman Woods Nature Preserve and at the West Side Branch Library. Vanderburgh County **5 NE Inglefield** 12 2225CST 10K Thunderstorm Wind A thunderstorm microburst damaged a residence in the northeast corner of the county, just off U.S. Route 57. Windows were blown out of a garage, and large trees and limbs were down. **Vanderburgh County** 5 NE Inglefield 12 2225CST Hail (0.88) **Spencer County** Chrisney to 0 Hail (0.88)

Dime to nickel size hail fell across parts of the county.





May 2000 Time Local Path Length Path Width Number of Estimated Persons Damage INDIANA, Southwest Vanderburgh County 0 0 Evansville 1832CST 23 Thunderstorm Wind (G56) WInds were estimated between 60 and 70 MPH on the east side of Evansville. Vanderburgh County Evansville 23 1832CST 0 Hail (0.75) **KENTUCKY**, Southwest **Daviess County** 1 S Masonville Flash Flood 1845CST Nearly stationary thunderstorms dumped flooding rains over a small part of south Daviess County near the junction of U.S. Highway 231 and Kentucky 140. Radar estimated about 6 inches fell within a few hours. Due to the very small area affected and its rural nature, there was no reported property damage. **Christian County** Garretsburg 04 1650CST 15K **Thunderstorm Wind** A barn was blown over and trees were down. **Christian County** Bennettstown to Pembroke 1755CST 2030CST 0 0 04 Flash Flood Numerous showers and storms tracked across southern Christian County for an extended period of time. Radar estimated hourly rainfall between one half and one inch. This resulted in heavy rainfall totals that caused parts of Highway 117 to go under water. A tributary of the west fork of the Red River went out of its banks along Highway 115 between Pembroke and Fairview. **Henderson County** 4 E Henderson 23 0740CST 0 0 Hail (0.75) **Daviess County** 1 W Owensboro to 0755CST 0810CST Hail (1.00) Yelvington Quarter size hail was reported from the west side of Owensboro northeast to Yelvington. **Daviess County Browns Vly** 23 0810CST Hail (1.75) **Carlisle County** Cunningham 23 0838CST 0 Hail (1.00) **Graves County** 23 0850CST **5 NE Lowes** 0 Hail (0.75) Dime size hail fell in Melber, near the McCracken County line. **Marshall County** 1 W Benton 23 1713CST **Funnel Cloud** A supercell thunderstorm that tracked across Marshall County produced a long-lived rotating wall cloud and occasionally a funnel cloud. A funnel cloud was observed between Benton and Oak Level. The funnel touched down in Calloway County. **Graves County** Symsonia

Ping pong ball size hail fell near Symsonia. This storm cell later tracked into Marshall County and became tornadic



Todd County
1 N Elkton

24

1754CST

National Weather Service Storm Data and Unusual Weather Phenomena



May 2000 Time Local/ Path Length Path Width Number of Estimated Persons Damage **KENTUCKY**, Southwest **Calloway County** .5 W Murray 1715CST 0.1 20 0 0 23 Tornado (F0) Two reliable witnesses reported a very brief tornado touchdown on the west side of Murray, just north of Highway 121. The funnel briefly touched a house roof, but no real damage occurred. **Marshall County** 23 1718CST **Benton** Hail (1.50) **Marshall County** 1729CST 23 1 SE Hardin 0 10K Thunderstorm Wind (G61) Near the Calloway County border, there were six power poles down due to winds estimated around 70 MPH. Kentucky Route 80 was closed between Hardin and Aurora due to downed power poles. **Calloway County** 3 N Almo to 1.5 N Almo 23 1730CST 1.5 100 50K Tornado (F1) 1736CST A relatively weak F-1 tornado with maximum wind speeds near 80 MPH moved southeast across the "Almo Heights" area. Three houses sustained roof damage, mainly due to trees falling on them. The storm that spawned the tornado displayed excellent supercellular characteristics on radar throughout its path across Calloway County. Videotape of the storm's funnel cloud was shown on local media outlets. The funnel again briefly touched down in eastern Calloway County **Marshall County** Hardin 23 1733CST Hail (0.75) **Calloway County** 5 E Murray 1804CST 1805CST 20 0 0 4K 0.2 23 Tornado (F0) The supercell thunderstorm that produced the F-1 tornado near Almo Heights in Calloway County generated another weaker, short-lived tornado between Murray and Hamlin. Spotters and sheriff deputies chasing the funnel cloud clearly observed multiple brief touchdowns in open fields and woodlands. Tree limbs were torn off. There was no structural damage. The path width was estimated to be no more than 50 feet wide. **Christian County** 1821CST Hopkinsville Hail (0.75) Dime size hail was observed in the northwest part of Hopkinsville **Mclean County** 2249CST Livermore 23 0 0 2K Thunderstorm Wind (G52) A couple of large tree limbs were blown down. **Muhlenberg County Bremen** 24 1650CST 0 0 Hail (1.00) **Christian County** 3 W Hopkinsville 1735CST 0 2K Thunderstorm Wind A few trees were down. **Trigg County** 2 E Rockcastle 24 1740CST 0 0 Hail (1.75) **Trigg County** 2 E Rockcastle 24 1740CST 4K Thunderstorm Wind Large trees were blown down.

0

0

Hail (0.75)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perse Killed	er of ons Injured	Estimated Damage Property Crops	May 2000 Character of Storm
KENTUCKY, Southy	<u>vest</u>							
Christian County Hopkinsville	24	1825CST 2200CST			0	0	25K	Flash Flood
Trigg County Cerulean	24	1840CST 2220CST			0	0		Flash Flood
Todd County Trenton	24	1845CST 2220CST			0	0		Flash Flood
	southe Hopki slowin	derstorms repeated ern Todd County. Insville television song or stopping traff	Storms follow station measurance. A vehicle	wed this track red 6.5 inche was reported	k for a few es of rain in I floating do	hours, pro only three wn 9th Str	oducing excessive rai hours. Widespread s	across the Hopkinsville area and then nfall totals of locally over 5 inches. A treet flooding occurred in Hopkinsville, were closed across Christian and Todd less than 20 minutes.
Christian County Gracey to 3 NW Herndon							tern Christian County this storm was flash-	Funnel Cloud y. The funnel cloud was observed from flood producing rain.
Todd County				.,				
3 N Allegre Christian County Julien		1839CST 1900CST ning was the indire was being used be			0 0 at killed 3 cl	0 0 hildren an	d their father. The fir	Hail (1.75) Lightning e was sparked by an unattended candle
Graves County Folsomdale	24	2125CST al trees were down	·	·	0 9, and Meric	0 dian Road	5K	Thunderstorm Wind
Calloway County Murray	24 Power	2248CST r lines were blown	down.		0	0	3K	Thunderstorm Wind
Calloway County Murray	24 25	2310CST 0240CST			0	0		Flash Flood
Christian County Central Portion	24 25	2335CST 0245CST			0	0		Flash Flood
Trigg County Countywide	rescue Count washe	ed by emergency j y hospital annex,	personnel from which is a flo Christian and	m cars that sood-prone loc	stalled in flo ation, exper	ooded stre rienced so	ets. A few basement me flooding. In Murr	Flash Flood the city of Murray. Five people were s were flooded. The Murray-Calloway ay, the bridge over Spring Creek Oaks storms earlier in the night received an
Calloway County .5 SSE Midway to 1 NNE Midway	26	1730CST 1734CST	1.5	300	0	4	250K	Tornado (F2)

The peak intensity of the tornado was rated F-2, with estimated maximum winds near 125 MPH. Although the tornado was only on





Time Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

KENTUCKY, Southwest

the ground for a mile or two, it struck the small community of Midway directly, causing extensive damage. Two mobile homes housing migrant workers were destroyed. One of the persons in a mobile home was seriously injured. Three others sustained relatively minor injuries. A used car dealership and a grocery store sustained major damage to roofs and walls. Several additional homes, mobile homes, and barns received moderate to major damage. Numerous trees in the area were downed or uprooted. U.S. Highway 641 was closed for about 18 hours south of Murray due to debris and power lines across the road. The owner of the grocery and an attached home estimated his losses at just under 100,000 dollars.

Christian County Ft Campbell Aaf

26 1905CST 0 0 Funnel Cloud

Numerous funnel clouds were reported in the Fort Campbell area. This same storm complex earlier produced a short-lived tornado several miles south of Murray in Calloway County.

Fulton County Bondurant to

27 0430CST 0 0 Flash Flood

Persistent showers and thunderstorms associated with a stationary front caused excessive rainfall. The ground was already saturated from heavy rain during storms over the past few days. Radar estimated from one-half to three quarters of an inch per hour during this latest episode. Water was reported over Highway 94 from Hickman southwest to the Tennessee border. Hickman measured 3.98 inches of rain in 24 hours.

Fulton County Countywide

27 1145CST 0 0 Flash Flood

Heavy thunderstorm rains moved back over areas that were already saturated from previous thunderstorms. Rainfall rates were estimated up to one inch per hour. Two people were rescued from their vehicle by emergency personnel after a flash flood blocked a street in Fulton. The two people, who were trapped in approximately four feet of water, were not injured. Elsewhere in the county, U.S. Highway 51 was closed on both sides between Clinton and Fulton due to flash flooding of creeks

Calloway County					
Countywide	27	1330CST 1515CST	0	0	Flash Flood
Trigg County					
Countywide	27	1345CST 1525CST	0	0	Flash Flood

Thunderstorms with heavy rain moved back over areas that were saturated from previous thunderstorms over the past few days. Radar estimated rainfall rates of up to one inch per hour. Storm spotters reported water across State Highway 80 in Calloway County. Sheriff deputies reported water across Highway 641 north and Highway 121 north near Murray. Some flooding of farm fields and low-lying areas was observed. An agricultural extension agent estimated 10 percent of the Calloway County wheat crop was affected by standing water, disease, and wind damage. Nearly 20 percent of a 4,000 acre farm was located on bottomlands that were severely flooded. Farmers were expected to replant thousands of acres of crops that were under water for 24 hours or more. The total rainfall from May 23 to 27 was around 10 inches in Calloway County.

Christian County Oak Grove	27	1418CST	0	0	Hail (1.00)
Christian County South Portion	27	1430CST 1610CST	0	0	Flash Flood
Todd County South Portion	27	1445CST 1620CST	0	0	Flash Flood

Thunderstorms with heavy rain moved back over the region, which was saturated from heavy rains over the past few days. Radar estimated up to one inch of rain per hour, and the Fort Campbell weather observer measured 0.70 inch of rain in 30 minutes.





Time Path Path Number of Estimated Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

KENTUCKY, Southwest

Although this storm was under one hour in duration, it brought three-day storm totals to near 12 inches at a Hopkinsville television station. Areas close to the Tennessee border received the brunt of the heavy rain.

MISSOURI, Southeast

Carter County Van Buren	12	1935CST	0	0		Hail (0.75)
Ripley County Burr	18	1845CST	0	0	4K	Thunderstorm Wind
	Sever	al trees were down in southwest Ripley Cou	inty.			
Bollinger County Bessville	18 Power	1930CST r lines and tree limbs were blown down.	0	0	7K	Thunderstorm Wind
Bollinger County 3 NW Bessville	18 A sup	1935CST 1942CST ercell thunderstorm that tracked east across	0 central Bollin	0 nger Coun	nty from Madison	Funnel Cloud n County produced a rotating wall cloud near
		rille that evolved into a funnel cloud. No tou				
Carter County Van Buren	22	1533CST	0	0		Heil (1 00)
Carter County	22	1335631	U	U		Hail (1.00)
Ellsinore	22	1608CST	0	0		Hail (1.00)
Ripley County						
15 NW Doniphan	22 Dime	1730CST size hail fell at "Beaver Dam."	0	0		Hail (0.75)
Bollinger County	2	one man for at Beaver Bann				
5 W Patton to Patton Jct	23	0709CST 0719CST	0	0		Hail (1.75)
1 atton get	A sev	ere thunderstorm moved slowly east across	northern Bol	linger Co	unty, producing	quarter to golf ball size hail
D.W.						
Bollinger County Sedgewickville	23	0726CST	0	0		Hail (1.00)
Cape Girardeau County						11411 (1100)
Jackson	23	0755CST	0	0		Hail (1.75)
Scott County	••	1 (10 CCF)				
1 E Benton	23 Hail la	1619CST arger than golf balls was reported on Interst	0 ate 55 near B	0 Senton.	35K	Hail (2.00)
Scott County						
Lusk	23	1640CST 1644CST	0	0		Hail (1.00)
Bollinger County						
Glenallen	23 This s	1818CST storm later produced hail up to baseball size	o in the Marbl	0 e Hill area	a	Hail (0.88)
Bollinger County		recent size	1.241.01			
Marble Hill to Leopold	23	1837CST 1841CST	0	0	1M	Hail (2.75)
Leopoid	α	1041C51				T 1 1 1 ' 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Spotters reported golf ball size hail in Marble Hill, and baseball size hail in Leopold. Two car dealerships in Marble Hill reported their entire inventory of vehicles received damage. One insurance agent in Marble Hill received hail-damage claims on 10 homes and 60 vehicles. Of those 60 vehicles, 20 were declared total losses. Damage to homes consisted almost entirely of roof damage. Newspaper photos showed baseball size hail covering the ground on Highway 51, 2 miles south of the Marble Hill city limit.



Number of

Persons

Estimated

Damage

Path Width

Path Length

Time Local/



May 2000

MISSOURI, Southeast **Bollinger County** 6 E Marble Hill 0.3 20 0 0 1848CST 23 Tornado (F0) A spotter reported the funnel cloud "went down and back up." The path length was very short in a rural area. **Scott County** Oran 23 1922CST 0 Hail (1.75) **Bollinger County** 2 SE Marble Hill 23 1924CST Hail (1.75) Golf ball hail was reported between Marble Hill and Leopold. **Scott County** 1 W Morley to Chaffee 23 1935CST 1950CST Hail (1.50) Dime size hail was reported just west of Morley. Silver-dollar size hail fell at Chaffee **Cape Girardeau County** Arbor to Delta 23 1945CST Hail (1.75) 1952CST Golf-ball size hail was reported from Arbor to Delta in the southwest part of the county Mississippi County Bertrand to 23 1957CST 2005CST Hail (1.00) Charleston **Scott County** 23 2 N Blodgett 2004CST 0.2 30 0 Tornado (F0) A trained spotter reported a funnel cloud briefly touched down in open rural farm country. There was no apparent damage. Large hail with the associated thunderstorm caused most of the damage. **Scott County** Morley 23 2015CST Hail (1.25) Half-dollar size hail fell at Morley. **Scott County** 2025CST 2037CST 0 0 500K Benton to 23 Hail (2.75) Lusk Baseball size hail fell in the Benton area. Mississippi County 1 SW Charleston 23 2040CST 0 0 Hail (2.75) **Wayne County** 0 Lodi 24 **Funnel Cloud** Emergency managers observed a funnel cloud in the Lodi area, which at times extended more than halfway to the ground **Carter County** 5 SW Van Buren 2000CST 3K Thunderstorm Wind A few trees were down along B Highway. **Stoddard County** 1.5 W Dexter to 1 W Bernie 2028CST 24 Hail (1.75) Golf ball size hail fell near 1.5 miles west of Dexter, and dime-size hail fell just west of Bernie **Ripley County** 2200CST 2230CST Countywide 24 100K Thunderstorm Wind

A line of severe thunderstorms with damaging winds crossed Ripley County, causing widespread damage to trees and power lines. A house just off JJ Highway received severe damage. Much of the roof was blown off, and windows and doors were blown in. Utility crews worked to repair about 20 damaged major power lines. Electricity was not fully restored for days. Numerous trees were





May 2000 Time Local/ Path Length Path Width Number of Estimated Persons Damage MISSOURI, Southeast down on Highway 142 east of Doniphan. Cars were damaged from trees falling on them, and one tree fell on a house. **Butler County** 2230CST 2237CST O Neelyville 24 Thunderstorm Wind (G55) The line of severe thunderstorms that moved east across Ripley County produced 60 to 70 MPH winds in southwest Butler County **Stoddard County** Countywide 0 Flash Flood Radar indicated very heavy rainfall, up to 2 inches per hour. Persistent thunderstorms continually tracked from west to east along a stationary front. There were a number of roads that had water over them. Radar estimated storm totals of up to 6 inches of rain over parts of the county. Heavy rain was indirectly responsible for a fatal vehicle accident on Highway 25 one mile south of Bloomfield. A 51-year-old man lost control of his car on wet pavement and overturned. **New Madrid County** Gideon to Portageville 24 0 0 30K **Thunderstorm Wind** A line of severe thunderstorms produced damaging straight-line winds, mainly over southern parts of the county. At Boekerton, a roof was blown off a house, a barn was blown down, and there were several trees and power lines down. Power lines were down at Gideon, causing some extended power outages that lasted into the next day. A couple of trees were down at Portageville. **Bollinger County** 2 N Sturdivant to 2.5 NNE Sturdivant 1.5 150 75K 26 Tornado (F1) The tornado caused moderate to heavy damage to one residence, and minor damage to a second residence. Tree limbs were speared into walls of the heavily damaged home. Three storage buildings and a horse barn were destroyed. A number of trees were uprooted **New Madrid County** Tallapoosa to 3 W New Madrid 26 20K Thunderstorm Wind (G65) The Missouri State Highway Patrol reported 70 to 80 MPH winds near the Interstate 55 junction with U.S. 62. Trees were down. At Tallapoosa, several tractor trailers were overturned, and sheds were down. **New Madrid County** 5 W Portageville to 4.5 W Portageville 20K 26 1420CST Tornado (F0) State highway patrol officers reported a brief tornado along Highway 162 between Gideon and Portageville. Telephone poles were down, and a large barn was destroyed. **New Madrid County South Portion** 0 27 Flash Flood An extensive area of thunderstorms moved slowly across New Madrid County, producing rainfall rates possibly between 1 and 1.5 inches per hour. The ground was already saturated prior to this thunderstorm event, and some roads still had standing water on them before this new heavy rain event. The additional heavy rain caused renewed road and street flooding **New Madrid County** Countywide 27 Flash Flood

Heavy thunderstorm rains moved back over areas that were already saturated from previous thunderstorms. Radar estimated rainfall rates up to one inch per hour. The sheriff department reported standing water across roads and in some low-lying areas.





Time Path Path Number of Estimated Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

MISSOURI, Southeast